

# The Solution Cycle

## Expert Root Cause Analysis (ERCA) Feature of the Sentry ICMS

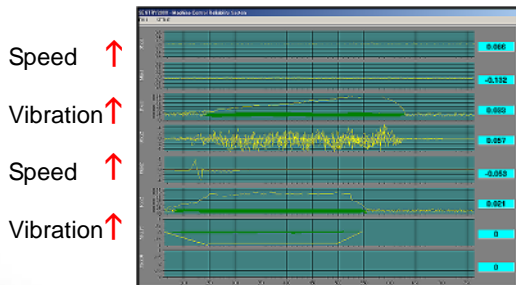
### 1. Define Application for Vibration ICMS

- Type of Equipment
- Operating Speed
- Establish Monitoring Bands for motors, shafts, impellers, blades, bearings, spindles, VFD drives, & etc.
- Establish alarm levels based on OEM/Industry Standards & Experience.

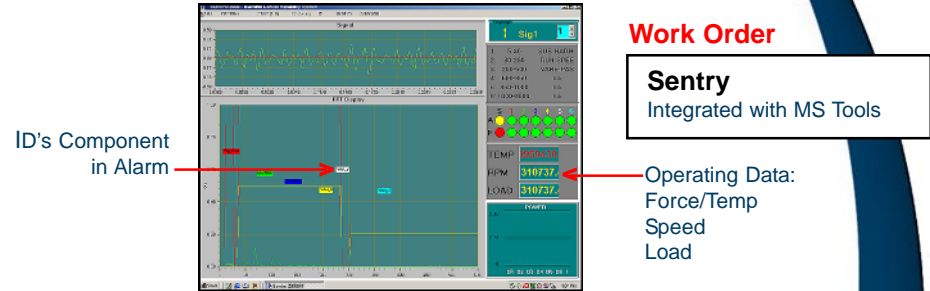
### 2. Use pull down menu to load information from step 1, copy and paste to all channels



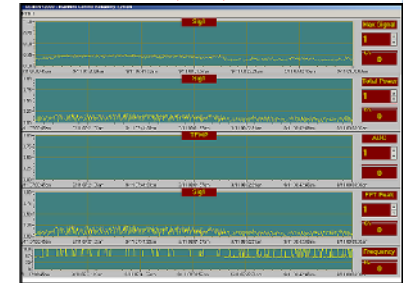
### 3. Link-In operating data i.e. Temperature, Load, Speed, Force



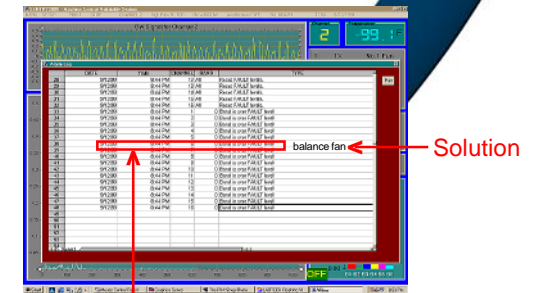
### 7. Report Screen - Display The Entire Drive Train



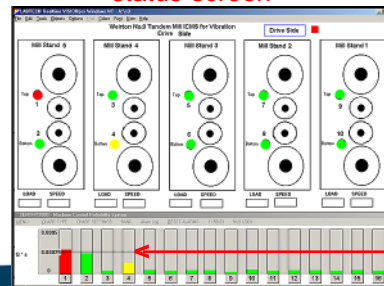
### 6. Trend Screen: Alarm Assessment QA/QC



### 5. Alarm Log Summary



### 4. W/Bitmap - Link alarm lamps and bar graph with monitoring channels status screen



Log data: Date, Time, Channel/Band, & Component Cause Alarm Condition